R E M A R K S

Claims 1, 6 and 18-19 stand rejected under 35 USC 102(a) as being anticipated by Frisch. Claims 2-5, 7-11, 15-17 and 20-22 stand finally rejected under 35 USC 103(a) as being unpatentable over Frisch in view of Watanabe et al. Claims 12 and 23 stand finally rejected under 35 USC 103(a) as being unpatentable over Frisch and Watanabe et al., and in further view of Sims.

In response, it is respectfully submitted that the claims recite features not anticipated by Frisch. In particular, such features include "a chain of video processing algorithms for processing a video stream", as recited in Claims 1, 6 and 18.

In addressing this feature in the above rejections, it was stated that the genes disclosed in Frisch are analogous video processing algorithms as recited in the claim. However, in response, it is respectfully submitted that the genes of Frisch are not analogous to the presently recited "video processing algorithms".

On page 2, lines 15-17, Frisch clearly states that each gene defines an attribute of the associated image such as brightness, color saturation and contrast. Based on this, it is evident that the genes of Frisch cannot be reasonably interpreted as "a chain of video processing algorithms for processing a video stream", as required by the claims. Therefore, it is respectfully submitted

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that this feature is not anticipated by Frisch.

It is also respectfully submitted that that the claims recite additional features not anticipated by Frisch.   Such features include "an optimization unit comprising an algorithm capable of optimizing said at least one control parmater setting of said at least one video processing algorithm", "a genetic algorithm unit comprising a genetic algorithm capable of optimizing said at least one control parameter setting of said at least one video processing algorithm" and "using an algorithm in an optimization unit to optimize said at least one control parmater setting of said at least one video processing algorithms" as recited in claims 1, 6 and 18, respectively.

In addressing these features in the above rejections, page 13, line 16 to page 14, line 7, of Frisch is being relied on. However, in this portion, Frisch only discloses:

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"...the method 910 of the present invention for recombining the leader genotype with a child genotype begins by retrieving 912 a leader gene from a set of genes contained in leader genotype. A corresponding child gene is also retrived 912 from the child genotype. Each gene mat contain one or more parameters which are retrieved 914 one at a time from the leader gene and then the corresponding child gene. A next generation gene parameter is computed 916 by taking a weighted average of the leader gene parameter and the child gene parameter."

In view of the above, it is evident that Frisch only discloses taking a weighted average of the leader and child gene parameter. Thus, it is evident that Frisch does not disclose "an optimization unit comprising an algorithm capable of optimizing said at least one control parmater setting of said at least one video processing algorithm", "a genetic algorithm unit comprising a genetic algorithm capable of optimizing said at least one control parameter setting of said at least one video processing algorithm" or "using an algorithm in an optimization unit to optimize said at least one control parmater setting of said at least one video processing algorithms" as required by the claims.

Therefore, it is respectfully submitted that these features are not anticipated by Frisch.

In view of the above, it is respectfully submitted that the invention of claims 1-24 is neither anticipated nor made obvious by Frisch alone or in combination with Watanabe et al. and Sims.

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Therefore, it is respectfully requested that the present rejections be reconsidered and withdrawn so that the present application may proceed to issue.

The Commissioner is hereby authorized to credit any overpayment or charge any fee (except the issue fee) to Account No. 14-1270.

Respectfully submitted,

By

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